

Product Description: Standalone Dual-Camera Palm Reader

Model No.: AMT-PVR-50

Add. Model No.: AMT-PVR-51, AMT-PVR-52, AMT-PVR-53, AMT-PVR-54, AMT-PVR-55, AMT-PVR-56, AMT-PVR-57, AMT-PVR-58, AMT-PVR-59

FCC ID: 2A5UQ-AMT-PVR-50

NFC Exposure Requirements

Tx frequency: 13.56 MHz Type of Modulation: ASK

Antenna Type: induction coil antenna

Nominal rated field strength: 58.31 dB μ V/m at 3 meter

Based on the Maximum allowed field strength was 58.31 dB μ V/m at 3m in frequency 13.56MHz, thus;

$$\text{The EIRP} = [(FS \cdot D)^2 \cdot 1000 / 30] = 0.000203 \text{ mW} < 1 \text{ mW}$$

According to the FCC Part 1.1307(b)(3)(i)(A), a single RF source is exempt RF device if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.

125 kHz Exposure Requirements

Tx frequency: 125 kHz Type of Modulation: ASK

Antenna Type: induction coil antenna

Nominal rated field strength: 63.06 dB μ V/m at 3 meter

Based on the Maximum allowed field strength was 63.06 dB μ V/m at 3m in frequency 125 kHz, thus;

$$\text{The EIRP} = [(FS \cdot D)^2 \cdot 1000 / 30] = 0.000607 \text{ mW}$$

According to the FCC Part 1.1307(b)(3)(i)(A), a single RF source is exempt RF device if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.